

Actual and Nominal F-numbers

f-number = focal length ÷ aperture

whole		+1/3		+1/2		+2/3	
1.000	1	1.122	1.1	1.189	1.2	1.260	1.2
1.414	1.4	1.587	1.6	1.682	1.7	1.782	1.8
2.000	2	2.245	2.2	2.378	2.4	2.520	2.5
2.828	2.8	3.175	3.2	3.364	3.3	3.564	3.5
4.000	4	4.490	4.5	4.757	4.8	5.040	5
5.657	5.6	6.350	6.3	6.727	6.7	7.127	7.1
8.000	8	8.980	9	9.514	9.5	10.079	10
11.314	11	12.699	13	13.454	13	14.254	14
16.000	16	17.959	18	19.027	19	20.159	20
22.627	22	25.398	25	26.909	27	28.509	29
32.000	32	35.919	36	38.055	38	40.317	40
45.255	45	50.797	51	53.817	54	57.018	57
64.000	64	71.838	72	76.109	76	80.635	80
90.510	90						

← Slower / stopping down (1 row = 1 full stop)